

## Title (en)

Power supply apparatus and electronic equipment

## Title (de)

Stromversorgungseinrichtung und elektronisches Gerät

## Title (fr)

Dispositif d'alimentation et équipement électronique

## Publication

**EP 1263114 A3 20031008 (EN)**

## Application

**EP 02253490 A 20020517**

## Priority

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- JP 2002131913 A 20020507

## Abstract (en)

[origin: EP1263114A2] To provide a power supply apparatus that replaces a dry battery by detecting electric field energy in a free space, rectifying the energy, extracting the energy as electric power, and accumulating the electric power. In particular, there is provided a power supply apparatus (10) that is useful for a portable electronic equipment (100). An electromagnetic energy conversion unit (11) collects a radio wave propagating in the air and converts collected electromagnetic energy into electric power. A rectifying unit (13) generates electric power having a DC waveform by rectifying electric power having an AC waveform and charges the rectified electric power having the DC waveform into a secondary battery (15). An electric load (X100) is supplied with the rectified electric power having the DC waveform or with electric power having a DC waveform discharged from the secondary battery (15). <IMAGE>

## IPC 1-7

**H02J 17/00**

## IPC 8 full level

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## Citation (search report)

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